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Attorney Docket No.: 2713-1-044PCT/US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**APPLICANT(S):** Anthony James Cox

**SERIAL NO.:** Unassigned

**EXAMINER:** Unassigned

**DATE FILED:** Herewith

**ART UNIT:** Unassigned

**FOR:** APPARATUS AND METHOD FOR SEARCHING FOR MULTIPLE  
INEXACT MATCHING OF GENETIC DATA OR INFORMATION

**EXPRESS MAIL NO.:** EV 748266655 US

**DATE OF DEPOSIT:** JULY 12, 2006

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT**

In accordance with Applicant's and Applicant's representatives' Duty of Disclosure under 37 CFR § 1.56, and pursuant to 37 CFR §1.97 and MPEP 717.05(b), Applicant(s) submit herewith documentary information for consideration by the Examiner. Information herein cited is only set forth in fulfillment of Applicant's duty of candor in disclosing all information brought to his attention, and is not an admission that it can be used adversely. The publications forwarded herewith are listed on the enclosed Form PTO-1449. Applicant(s) request that the Examiner, upon reviewing the enclosed materials, initial the enclosed form and return a copy thereof in accordance with the instructions on the form.

Enclosed please find copies of References AA through CE listed on the attached Form PTO-1449, which were cited in a International Search Report dated December 21, 2005 established by the European Patent Office Searching Authority in connection with the corresponding PCT International Application, as well as a UK Search Report dated March 24, 2004. A copy of the International Search Report & UK Search Report is also enclosed.. No fee is believed due for the filing of this statement inasmuch as it is being filed before the mailing of the first official action on the merits. However, should the Patent and Trademark Office determine otherwise, authorization is hereby given to charge Deposit Account No. 11-1153 for this filing.

Respectfully submitted,



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Form PTO-1449 IRSY. 7.801 U.S. Department of Commerce Patent and Trademark Office	ATTORNEY DOCKET NO.	2713-1-044PCT/US
	SERIAL NO.	UNASSIGNED
	APPLICANT	ANTHONY JAMES COX
	FILING DATE	HEREWITH
LIST OF DOCUMENTARY INFORMATION CITED BY APPLICANT (Use several sheets if necessary) <b>INFORMATION DISCLOSURE STATEMENT</b>		GROUP
		UNASSIGNED

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CL AS S	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA	6,304,868	10/16/01	Vingron et al.			
	AB	5,577,249	11/19/96	Califano			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CL AS S	SUB- CLASS	TRANSLATION YES NO
	BA	WO 03/056462	7/10/03	PCT			ABSTRACT IN ENGLISH
	BB	WO 01/48637	7/5/01	PCT			

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	CA	Muth, R. et al., Approximate Multiple String Search, Combinational Pattern Matching, 7 <sup>th</sup> Annual Symposium, CPM 96. Proceedings Springer-Verlag Berlin, Germany, 1996, Pgs. 75-86, XP-002359701
	CB	Jiong, Yang et al., Accelerating approximate subsequence search on large protein sequence databases. Proceedings IEEE Computer Society bioinformatics Conference IEEE Comput. Soc. Los Alamitos, CA, USA, 2002, Pages 1-10; XP-002359702
	CC	Beng, Chin Ooi et al., Fast filter-and-refind algorithms for subsequence selection. Proceedings International Database Engineering and Applications Symposium IEEE Comput. Soc. Piscataway, NJ, USA, 2002, XP-002359703
	CD	Wu, Sun and Manber, Udi, A Fast Algorithm for Multi-Pattern Searching, Tech Report TR-94-17, Department of Computer Science Univ of Arizona, 1994, Pgs. 1-11.
	CE	Kim, Sun & Kim, Yanggon, A Fast Multiple String-Pattern Matching Algorithm, Proc. Of 17 <sup>th</sup> AoM/laoM Conf. On Computer Science, August 1999, Pgs. 1-6.
EXAMINER:		DATE CONSIDERED:
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		